



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

### LAKE ERIE

LEZ444	Mi Waters Of Lake Erie							
Stony Point	25	1640EST			0	0		Marine Hail (0.75)
LEZ444	Mi Waters Of Lake Erie							
Monroe Harbor	25	1801EST			0	0		Marine Tstm Wind (EG50)

### LAKE HURON

LHZ442	Hbr Beach To Pt Sanilac Mi							
Harbor Beach	25	1750EST			0	0		Marine Hail (0.75)
LHZ462	Lh Pt Austin To Hbr Beach Mi 5Nm Offshore To Intl Border							
Harbor Beach	25	1750EST			0	0		Marine Hail (0.75)
LHZ441	Pt Austin To Hbr Beach Mi							
Harbor Beach	25	1750EST			0	0		Marine Hail (0.75)
LHZ442	Hbr Beach To Pt Sanilac Mi							
Port Sanilac	25	1915EST			0	0		Marine Tstm Wind (EG39)
LHZ463	Lh Hbr Beach To Pt Sanilac 5Nm Offshore To Intl Border							
Port Sanilac	25	1915EST			0	0		Marine Tstm Wind (EG39)
LHZ462	Lh Pt Austin To Hbr Beach Mi 5Nm Offshore To Intl Border							
Port Hope	28	1130EST			0	0		Marine Hail (0.75)
LHZ441	Pt Austin To Hbr Beach Mi							
Port Hope	28	1130EST			0	0		Marine Hail (0.75)
LHZ442	Hbr Beach To Pt Sanilac Mi							
Harbor Beach	30	1118EST			0	0		Marine Tstm Wind (MG36)
LHZ463	Lh Hbr Beach To Pt Sanilac 5Nm Offshore To Intl Border							
Harbor Beach	30	1118EST			0	0		Marine Tstm Wind (MG36)
LHZ462	Lh Pt Austin To Hbr Beach Mi 5Nm Offshore To Intl Border							
Harbor Beach	30	1118EST			0	0		Marine Tstm Wind (MG36)
LHZ441	Pt Austin To Hbr Beach Mi							
Harbor Beach	30	1118EST			0	0		Marine Tstm Wind (MG36)
LHZ442	Hbr Beach To Pt Sanilac Mi							
Harbor Beach	30	1830EST			0	0		Marine Tstm Wind (EG45)
LHZ463	Lh Hbr Beach To Pt Sanilac 5Nm Offshore To Intl Border							
Harbor Beach	30	1830EST			0	0		Marine Tstm Wind (EG45)
LHZ422	Inner Saginaw Bay & Sw Of Pt Au Gres To Bay Port Mi							
Saginaw River Mouth	30	1740EST			0	0		Marine Hail (0.88)
LHZ421	Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi							
Bay Port	30	1830EST			0	0		Marine Tstm Wind (EG45)

### LAKE ST CLAIR

LCZ422	St Clair River							
Port Huron	17	1813EST			0	0		Marine Hail (1.00)
LCZ423	Detroit River							
Grosse Ile	25	1705EST			0	0		Marine Tstm Wind (MG39)
LCZ460	Lake St Clair (U.S. Portion)							
New Baltimore	25	1800EST			0	0		Marine Tstm Wind (EG43)
LCZ423	Detroit River							
Belle Isle	31	1810EST			0	0		Marine Tstm Wind (EG50)



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

### LAKE ST CLAIR

<b>LCZ460</b>	<b>Lake St Clair (U.S. Portion)</b>							
Grosse Pointe	31	1810EST			0	0		Marine Tstm Wind (EG50)

### MICHIGAN, East

<b>Oakland County</b>								
2 E Clarkston	10	2145EST			0	0		Thunderstorm Wind (EG50)

Several large limbs 4 to 6 inches in diameter were blown down by downburst winds.

<b>MIZ063</b>	<b>St. Clair</b>							
	11	0700EST 1400EST			0	0	4K	Strong Wind (EG39)

Strong southerly winds, associated with a cold core upper low pressure system, gusted to 45 mph along the Lake Huron shoreline. The winds brought down several trees and electrical wires and numerous tree branches from Grant and Burtchville Townships south to Port Huron. In Burtchville Township, a home was damaged when a flaming cable wire struck the house. The incident damaged the homeowners furnace, clothes dryer, and phones. Total monetary damage was roughly estimated at \$4K.

The strongest wind gust recorded at Port Huron was 39 MPH at 0855 EST.

<b>Livingston County</b>								
Hamburg	14	1939EST			0	0		Thunderstorm Wind (EG50)

Firefighters reported through Central Dispatch that trees were knocked down by thunderstorm winds in Hamburg Township.

<b>Genesee County</b>								
3 SW Flint	15	1715EST			0	0		Hail(1.00)

An amateur radio operator reported hail the size of quarters covering the ground at the corner of I75 and I69

<b>Midland County</b>								
Oil City	17	1415EST			0	0		Hail(0.75)

<b>Midland County</b>								
Oil City	17	1415EST			0	0		Thunderstorm Wind (EG50)

Workers at a gas station at M20 and Coleman Rd estimated thunderstorm winds at 60 mph along with penny size hail.

<b>St. Clair County</b>								
Port Huron	17	1430EST			0	0		Hail(0.75)

<b>St. Clair County</b>								
Port Huron	17	1626EST			0	0		Hail(0.75)

<b>St. Clair County</b>								
Port Huron	17	1813EST			0	0		Hail(1.00)

<b>Sanilac County</b>								
Marlette	25	1345EST			0	0		Hail(1.00)

<b>Sanilac County</b>								
4 E Decker	25	1443EST			0	0		Hail(0.75)

<b>Monroe County</b>								
Newport	25	1640EST			0	0		Hail(0.75)

<b>Genesee County</b>								
Atlas	25	1710EST			0	0		Hail(1.25)

<b>Washtenaw County</b>								
3 SE Ann Arbor	25	1710EST			0	0		Thunderstorm Wind (EG50)

Thunderstorm winds downed several trees near Ann Arbor.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2006

May 2006								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
<u><b>MICHIGAN, East</b></u>								
Genesee County								
Grand Blanc	25	1713EST			0	0		Hail(0.75)
Lenawee County								
Adrian	25	1720EST			0	0	2.5K	Thunderstorm Wind (EG50) Thunderstorm winds downed several wires and large tree limbs in Adrian. Several Telephone poles were leaning halfway across East Maumee Street in Adrian.
Genesee County								
2 E Goodrich	25	1730EST			0	0		Hail(1.00)
Shiawassee County								
6 W Perry	25	1730EST			0	0		Thunderstorm Wind (EG52) Thunderstorm winds downed a tree just west of Perry.
Livingston County								
6 S Fowlerville	25	1735EST			0	0		Thunderstorm Wind (EG50) Thunderstorm winds downed a tree and several large tree limbs south of Fowlerville.
Livingston County								
Gregory	25	1735EST			0	0		Thunderstorm Wind (EG52) Thunderstorm winds downed trees and large limbs in Gregory.
Livingston County								
3 SW Howell	25	1745EST			0	0		Thunderstorm Wind (EG52) Thunderstorm winds downed a tree and several large limbs near Howell.
Huron County								
3 SSE Verona	25	1750EST			0	0		Hail(0.75)
Washtenaw County								
Ann Arbor	25	1751EST			0	0		Hail(0.75)
Lapeer County								
2 SW Lapeer	25	1754EST			0	0		Hail(1.00)
Lapeer County								
2 S Lapeer	25	1757EST			0	0		Hail(1.00)
Livingston County								
3 NW Hamburg	25	1757EST			0	0		Thunderstorm Wind (EG52) Thunderstorm winds downed several trees and large limbs near Hamburg.
Monroe County								
Dundee	25	1801EST			0	0		Thunderstorm Wind (EG52) Thunderstorm winds downed several large limbs in Dundee. A trained spotter estimated winds at 60 MPH.
Livingston County								
2 W Hartland	25	1805EST			0	0		Thunderstorm Wind (EG52) Thunderstorm winds downed several trees and large limbs near Hartland.
Oakland County								
Milford	25	1805EST			0	0	2K	Thunderstorm Wind (EG52) Thunderstorm winds downed a power pole in Milford.
Washtenaw County								
Saline	25	1812EST			0	0		Thunderstorm Wind (EG52) A trained spotter estimated 60 MPH thunderstorm winds in Saline and reported several large limbs down.
Macomb County								
Romeo	25	1815EST			0	0		Hail(0.75)



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<b><u>MICHIGAN, East</u></b>								
<b>Genesee County</b>								
Goodrich	25	1825EST			0	0		Thunderstorm Wind (EG52)
Thunderstorm winds downed a tree in Goodrich.								
<b>Oakland County</b>								
Ortonville	25	1825EST			0	0		Thunderstorm Wind (EG52)
Trained spotter estimated winds at 60 MPH.								
<b>Lapeer County</b>								
Elba	25	1837EST			0	0	1K	Thunderstorm Wind (EG52)
Central Dispatch reported that several trees and powerlines were blown down in Elba by thunderstorm winds.								
<b>Lapeer County</b>								
Attica	25	1850EST			0	0	1K	Thunderstorm Wind (EG52)
Central Dispatch reported that several trees and powerlines were blown down in Attica by thunderstorm winds.								
<b>Lapeer County</b>								
2 NNE Lapeer	25	1850EST			0	0	17.5K	Thunderstorm Wind (EG52)
Central Dispatch reported that several trees and powerlines were blown down near Lapeer by thunderstorm winds. The local newspaper showed a picture of a large tree on top of a house. Property damage was roughly estimated at \$15K.								
<b>Lapeer County</b>								
4.5 W Millville	25	1900EST			0	0	75K	Lightning
A two story home in Lapeer county was zapped by lightning, sparking a fire. The home and its contents have smoke and water damage. Total damages were roughly estimated at \$75K.								
<b>Lapeer County</b>								
North Branch	25	1905EST			0	0	1K	Thunderstorm Wind (EG52)
Central Dispatch reported that several trees and powerlines were blown down in North Branch by thunderstorm winds.								

An upper level low pressure system tracked across lower Michigan on Thursday, May 25th and prompted the issuance of a Tornado watch for the entire area. Storms initially developed across the thumb, where sunny skies for the bulk of the day allowed that area to destabilize the quickest. Eventually strong storms developed across the rest of the area with severe weather occurring in 11 of the 17 Counties in southeast lower Michigan. The nature of the severe storms was a mixture of large hail and strong winds. Numerous trees were reported down with most of the wind estimates at around 60 MPH. Numerous quarter sized hail reports were received with at least one report of hail the size of ping pong balls.

<b>Huron County</b>								
4 SW Port Hope	28	1130EST			0	0		Hail(0.75)
MIZ047>049-053>055-060>063-068>070-075>076-082>083								
Midland - Bay - Huron - Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb - Washtenaw - Wayne - Lenawee - Monroe								

29 1200EST  
1800EST

0 75 Heat

An early season heat wave, leading to an unusually hot Memorial Day, resulted in dozens of people suffering from heat related illnesses. Near record to record setting high temperatures, in the low to mid 90's, sent some people to the hospital. The official high temperatures for the day ranged from 88 to 93 degrees. Of the 52 cooperative observer reports received for that day, including at least one report from each of the 17 counties in southeast lower Michigan, 50 of them reported a high above 90. They ranged from 89 (along the lakeshore) to 98 (at Midland), and averaged out at 94 degrees. Most of the month of May, leading up to this weekend, was well below normal. Combining this factor with temperatures at 20 to 30 degrees above the seasonal norms created very uncomfortable conditions. Conditions were further exacerbated by the combination of high humidity, light winds, and mostly clear skies. Nearly all of southeast lower Michigan reached 90 degrees by Noon EST...the only exceptions included those locations immediately adjacent to the lakes. Heat indices were in the mid 90's throughout most of the day. At least 27 people passed out in



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b><u>MICHIGAN, East</u></b>									
<b>Huron County</b> 5 WNW Helena	30	1105EST			0	0			Hail(0.88)
<b>Huron County</b> 5 WNW Helena	30	1105EST			0	0			Thunderstorm Wind (EG52)
A resident near Helena reported that thunderstorm winds blew down several trees in the area.									
<b>Oakland County</b> Madison Hgts	30	1500EST			0	0			Thunderstorm Wind (EG50)
Trained spotter reported 4 inch diameter tree limbs blown down by thunderstorm downburst winds.									
<b>Macomb County</b> Warren	30	1530EST			0	0	250K		Lightning
Lightning caused major damage to a house on Arden Street in Warren. The bolt hit the house and a tree next to it, starting the house on fire and collapsing the roof. Total damages were estimated at \$250K.									
<b>Midland County</b> Midland	30	1728EST			0	0	2.5K		Thunderstorm Wind (EG54)
Trained spotter reported that several trees were blown down in the city of Midland by thunderstorm winds. The Midland Fire Chief reported five "really big trees" and numerous power wires down across area streets, including Hancock, Jay, Clay, and Cottonwood Streets. Debris from trees in the Clay and Jay street areas took crews four hours to clean up.									
<b>Bay County</b> 3 NW Auburn	30	1740EST			0	0			Hail(0.88)
<b>Bay County</b> 3 NW Auburn	30	1740EST			0	0	0.75K		Thunderstorm Wind (EG50)
Trained spotter reported that several 2 to 4 inch diameter tree limbs were blown down near Auburn by thunderstorm winds.									
<b>Sanilac County</b> Marlette	30	1740EST			0	0			Hail(0.75)
<b>Sanilac County</b> Marlette	30	1740EST			0	0	2K		Thunderstorm Wind (EG54)
Trained spotter reported that several trees were blown down in Marlette by thunderstorm winds.									
<b>Bay County</b> Bangor Township	30	1800EST			0	0	10K		Lightning
Lightning struck a tree, channeled through a dog run, and into a house on Wilder Rd in Bangor Township. The lightning strike damaged the window casing that the dog run was attached to and destroyed most of the electrical equipment in the home. Total damage was estimated at \$10K.									
<b>Midland County</b> Midland	30	1800EST			0	0	50K		Lightning
Lightning struck a house on Claremont St in Midland, sparking a fire. The fire burned along the electrical wiring and destroyed most of the home's attic. The home also sustained major damage to insulation and trusses, as well as to electrical and water systems. Total damages were estimated at \$50K.									
<b>Saginaw County</b> 3 E Fergus	30	1805EST			0	0			Thunderstorm Wind (EG52)
Thunderstorm winds downed a large tree across Fergus Rd near Amman Rd, blocking traffic for a short time until a neighborhood									



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

### MICHIGAN, East

farmer used his tractor to shove it into the ditch.

**Saginaw County**  
2 NW Saginaw

30 1810EST 0 0 0.50K Thunderstorm Wind (EG52)  
Thunderstorm winds downed a large tree onto Bay Road near W. Genesee Road in Saginaw.

**Tuscola County**  
3 S Cass City

30 1828EST 0 0 0.20K Thunderstorm Wind (EG52)  
Several large tree branches fell across Cemetary Rd just south of Cass City.

**Huron County**  
2 N Pigeon

30 1830EST 0 0 Hail(1.00)

**Huron County**  
2 N Pigeon

30 1830EST 0 0 0.20K Thunderstorm Wind (EG50)  
Several large tree branches fell across the road just north of Pigeon.

**Saginaw County**  
1 W Gera

30 1830EST 0 0 0.50K Thunderstorm Wind (EG52)  
Frankenmuth firefighters had to block a stretch of Dehmel St because of a fallen tree and downed power lines.

**Tuscola County**  
4 SE Deford

30 1900EST 0 0 0.25K Thunderstorm Wind (EG54)  
Trained spotter reported numerous 6 to 12 inch diameter trees downed by thunderstorm downburst winds along Bevans Road.

**Tuscola County**  
3 NW Kingston

30 1930EST 0 0 15K Thunderstorm Wind (EG60)  
Thunderstorm downburst winds destroyed a barn near Kingston. The owner described seeing what looked like a funnel cloud prior to taking cover in the basement. When she came back up she reported her barn was gone. It was determined that the damage was caused by a microburst with windspeeds estimated between 60 and 70 MPH. Property damage was estimated at \$15K.

A lake breeze kicked off a pulse severe storm in Oakland County to start things rolling on Tuesday, May 30th. With a very unstable airmass in place, additional strong thunderstorms were able to develop on the outflow boundaries from previous storms. This led to severe thunderstorm development propagating as far north as Huron County. At the same time, another line of severe storms, that had initially formed along a lake breeze off of Lake Michigan, tracked across the Tri-Cities area. There were numerous reports of large tree limbs and trees downed. Also, several hail reports were received, with the largest hail being reported as the size of quarters.

**Bay County**  
2 S Willard

30 1600EST 0 0 10K 25K Heavy Rain  
2000EST

Strong thunderstorms dumped very heavy rain across Williams Township in the western part of Bay County. The Williams Township Supervisor reported that 3.7 inches of rain fell in parts of the township during the storm and much of that occurred in the first hour or so. A number of farm fields, even tiled ones, were overwhelmed by the large amount of rain. At least one farmer reported crop damage when his field washed out. Also, a number of homes in the Garfield Subdivision ended up with water in the basement. This event was very localized and no roads or bridges were washed out in the area. Damages to crops were roughly estimated at \$25K. Additional property damage was roughly estimated at \$10K.

**Lenawee County**  
Fairfield

31 1700EST 0 0 2K Lightning  
Lightning struck a Consumers Energy substation in Fairfield, knocking out power to 4400 people in Adrian.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

### MICHIGAN, East

#### Wayne County

##### Dearborn

**31 1805EST** **0 0 2.5K** **Thunderstorm Wind (EG52)**  
Local Media reported several trees and large limbs were blown down by thunderstorm winds.

#### Wayne County

##### Detroit

**31 1810EST** **0 0 2.5K** **Thunderstorm Wind (EG52)**  
Trained spotter reported several trees and large limbs were blown down in the southwest side of Detroit.